

and the only things I know about it are that it's made in Japan and that is mounted in some rigs like FT290.

I would appreciate tech specs, supplier, equivalent parts or even just a pointer.

73, Marco

Ps. In case of reply, please use address below only.

```
-----  
Marco Fassiotto - IX1IIY      |  
Software Engineer             |  
P.O. Box 19                   | Packet    : ix1iiy@ik1brm.iv.to.ita.eu  
10018 Pavone (TO) - ITALY     | INTERNET : fax@sparc4.ico.olivetti.com  
-----
```

```
-----  
Date: 14 May 1993 15:07:13 GMT  
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!ux1.cso.uiuc.edu!howland.reston.ans.net!  
ira.uka.de!rz.uni-karlsruhe.de!news.uni-stuttgart.de!w4.pi1.physik.uni-  
stuttgart.de!kohler@network.UCSD.EDU  
Subject: arrl  
To: info-hams@ucsd.edu
```

+Z`

```
-----  
Date: 14 May 93 02:55:53 GMT  
From: ogicse!uwm.edu!zaphod.mps.ohio-state.edu!malgudi.oar.net!uoft02.utoledo.edu!  
cscon0151@network.UCSD.EDU  
Subject: Ascii Morse Code table  
To: info-hams@ucsd.edu
```

I was wondering if anyone had an ascii representation of the Morse Code table they could send me (Email). Thanks.

Brad Steinman
University of Toledo Computer Services
cscon0151@uoft02.utoledo.edu

```
-----  
Date: Thu, 13 May 1993 20:45:20 GMT  
From: news.service.uci.edu!ttinews!avatar!sorgatz@network.UCSD.EDU  
Subject: BUY BACK 11 METERS! (was Re: Selling the Airwaves -- News from Washington  
To: info-hams@ucsd.edu
```

This is actually GOOD NEWS in disguise...let's all write the ARRL and lobby for the OUTRIGHT PURCHASE of the 27.4051-28.0 MHz band segment!!

In effect let's BUY BACK 11 METERS AS AN AMATEUR ALLOCATION! It's NOT CURRENTLY ASSIGNED. IT'S ADJACENT TO OUR 10 METER ALLOCATION and it's probably not a very attractive area for commercial applications..hence the price should be low enough to allow the Amateur community to afford it without worrying about the CBers outbidding us.

Comments?

'73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +-----+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Government produces NOTHING!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +-----+
(OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

Date: Thu, 13 May 1993 18:21:34 GMT
From: news.mentorg.com!mentorg.com!philip@uunet.uu.net
Subject: FM Transmission of music.(Pirate stations)
To: info-hams@ucsd.edu

In article <2cT83B1w164w@jwt.oau.org>, bbs-ksj@jwt.oau.org (Kennith Johnson) writes:

|> cs92smw@cen.ex.ac.uk (S.M.Wakely) writes:
|> > I'm interested in how to transmit music to a local village on FM as part of
|> > Physics 3rd year project. But I am not sure of the transmitter required or ho
|> > to connect it up to a music system. Any help would be most appreciated. Also
|> > is there any literature that I could send off for on this subject. Where can
|> > one buy the equipment from, at a reasonable price, since I am a hard up
|> > student.
|>
|> Anything that could broadcast to a "village" would be far more powerful
|> than the tiny wireless microphones allowed by law.
|>
|> Are you thinking that perhaps your professor will be impressed with your
|> ability to break FCC regulations? Or are you just really, really dying
|> to get a close look at that yellow truck with the loop antenna on top?
|>
|> Get smart. Don't do this.

I just can't help but be amazed at the attitudes of some people ...

- 1) If the FCC tried to enforce any US laws in the UK they would be promptly told where to stick their laws, and then be deported.

2) Those tiny wireless mikes are actually illegal in the UK.

3) You forgot about the copyright issue :-)

Maybe no-one told you, but this system ISN'T USA only.

Philip

Date: 13 May 93 08:29:29 EDT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!darwin.sura.net!
sgiblab!wetware!spunky.RedBrick.COM!psinntp!psinntp!arrl.org@network.UCSD.EDU
Subject: G5RV: How does it work and perform?
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, markm@bigfoot.sps.mot.com (Mark Monninger) writes:

>The real G5RV was designed for 20M and it will work pretty well there if
>it's constructed carefully. On other bands it's really a compromise.

Excellent G5RV description deleted.

>Get a copy of the Handbook or the Antenna Handbook for more info. A decent
>wire antenna is cheap and easy and they work reasonably well, depending on
>their environment (mainly how high they are).

The ARRL Handbook and ARRL Antenna Book do contain descriptions of all sorts of wire (and other) antennas. Naturally, the Antenna Book has more. :-). However, only the newest edition (16th) of the Antenna Book has a description of the G5RV antenna -- and it is a real short description. The Antenna Compendium, Vol 1, does have an article on an updated G5RV written by G5RV.

As a service to our members, the ARRL Technical Information Service has prepared a free reprint of the Antenna Compendium article. (We get a lot of questions about the G5RV.) Send an SASE to the ARRL Technical Department Secretary with a specific request for the G5RV TIS reprint.

73 from ARRL HQ, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111

ehare@arrl.org

"The goal of every engineer is to

(203) 666-1541 - voice retire without getting blamed for a
ARRL Laboratory Supervisor major catastrophe." -- Scott Adams
RFI, xmtr and rcvr testing and Dilbert

Date: 13 May 1993 18:53:55 GMT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!noc.near.net!
transfer.stratus.com!sw.stratus.com!fms@network.UCSD.EDU
Subject: HAL Communications?
To: info-hams@ucsd.edu

Hi all,

Is there anyone from HAL Communications on the net? Do they have net access?

73 de Faith N1JIT

--

Faith M. Senie InterNet: fms@hoop.sw.stratus.com
Stratus Computer, Inc. InterNet: fms@vos.stratus.com
55 Fairbanks Blvd. Pkt Radio: n1jit@walphy.ma.usa.na
Marlboro, MA 01752 Phone: (508)460-2632

"I'm afraid I don't know very much about Romulan Disruptor settings" --Spock

Date: 13 May 1993 19:13:32 GMT
From: swrinde!cs.utexas.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!
darwin.sura.net!mojo.eng.umd.edu!mebly@network.UCSD.EDU
Subject: How do I adjust J-Pole SWR?
To: info-hams@ucsd.edu

I just finished teaching a Novice/Technician course. We discussed how to
build a J-Pole antenna for 2 meters. A very simple question came up:

"How do I adjust the antenna for minimum SWR?"

So is there a cheap and easy way to adjust the J-Poles? Or do I have to
borrow some equipment?

Thanks. E-mail responses welcome.

73.

--

Mark Bailey KD4D
mebly@eng.umd.edu

Motto: Life's too short to drink cheap beer.
Disclaimer: I didn't really say this.

Date: Thu, 13 May 1993 17:21:50 GMT
From: keinstr!marks@uunet.uu.net
Subject: IC-202 SCHEMATIC NEEDED
To: info-hams@ucsd.edu

I am in need of the schematic and manual for the ICOM
IC-202. I will pay all copy and postage cost.

Thanks, Mark Hoersten N8VEA.

Reply to: uunet!keinstr!hoersten_mark

Date: Thu, 13 May 1993 18:23:13 GMT
From: swrinde!gatech!howland.reston.ans.net!noc.near.net!squam.banyan.com!
banyan.com!dts@network.UCSD.EDU
Subject: IC-202 SCHEMATIC NEEDED
To: info-hams@ucsd.edu

In article <1993May13.172150.1137@keinstr.uucp>, marks@keinstr.UUCP (Mike Marks)
writes:

|>
|> I am in need of the schematic and manual for the ICOM
|> IC-202. I will pay all copy and postage cost.
|>
|> Thanks, Mark Hoersten N8VEA.
|>
|> Reply to: uunet!keinstr!hoersten_mark
|>

Call ICOM at 206-454-7619 and ask for parts. If you got the radio used and
without documentation, they may just send it to you for free... Always worth
asking!

(I tried to reply via email... bounced. try to get your "From" line fixed so that
it puts out a valid address).

--

Daniel Senie
Banyan Systems, Inc.
508-898-1188

Internet: dts@banyan.com
Compuserve: 74176,1347
Packet Radio: N1JEB@WA1PHY.MA

Date: 13 May 1993 22:39:41 -0400
From: haven.umd.edu!darwin.sura.net!newsserver.jvnc.net!yale.edu!not-for-mail@uunet.uu.net
Subject: Improvised Coax Switch - Standard "Light" Switch??
To: info-hams@ucsd.edu

In article <1stoa9INNGi6@emx.cc.utexas.edu> tbutterf@emx.cc.utexas.edu (Jeff Butterfield) writes:
>In a thread some time back there was a discussion about Coax switches, their
>costs and improvised solutions. Has anyone had experience pressing common
>wall-type "light" switches into improvised service?? What kind of switch is
>appropriate? What power levels will they accomodate...??

A few years ago I remember there was an article in QST on building coax switches from common light switches. From what I remember, the authors found that they worked fine; I'm not sure how much power they put through them, but it was at least 100 watts.

--
R. Torsten Clay N4OGW PC '93 clay-rudolf@yale.edu n4ogw@n4gaa.ct.usa.na

Date: Thu, 13 May 1993 16:23:46 GMT
From: spsgate!mogate!newsgate!usenet@uunet.uu.net
Subject: Improvised Coax Switch - Standard "Light" Switch??
To: info-hams@ucsd.edu

In article <1stoa9INNGi6@emx.cc.utexas.edu> tbutterf@emx.cc.utexas.edu (Jeff Butterfield) writes:
> In a thread some time back there was a discussion about Coax switches, their
> costs and improvised solutions. Has anyone had experience pressing common
> wall-type "light" switches into improvised service?? What kind of switch is
> appropriate? What power levels will they accomodate...??
>
> What is appealing is the low cost of the suckers....also, metal enclosures and
> swtich plates are also common and cheap. The little metal enclosure boxes I've
> seen even have neat little holes (you punch the metal out to get the hole] that

> are about the same size as a coax connector. It would be great if these
> switches could be used.

>

There was an article a few years back in QST or 73 about these. The author
claimed they worked quite well. On HF I'd guess they would. Give it a try
and let us know what results you get.

73... Mark AA7TA

Date: 13 May 93 09:17:51 GMT
From: ogicse!emory!cs.utk.edu!nntp.memst.edu!kagoos@network.UCSD.EDU
Subject: Looking For Cambridge UK ham
To: info-hams@ucsd.edu

I am looking for a ham from Cambridge, U.K who has HF capability to
arrange a Special Event Station SKED. The Delta Amateur Radio club here in
Memphis is putting a special event station on the air to commomerate the
50th Aniversary of the Final Mission of the Memphis Belle aircraft. The pilot
of this aircraft will be in Cambridge this Saturday and we would like to make
contact with him.

Please contact me from more details before saturday May 16.

Suresh N9GSA

----- Suresh Kagoo EE Dept , Memphis State University
| \ / | / ____ \ | | | Engineering 211 | Domain: KAGOOS@MEMSTVX1.MEMST.EDU
| \ / | \ ____ \ | | | Memphis, TN 38152 | AMPR : n9gsa@gate.n9gsa.ampr.org
|_| \ / | \ ____ / \ ____ / Ph: (901) 678-3867 | AX.25 : N9GSA@W4BS.#WESTN.TN.USA

Date: Fri, 14 May 1993 01:02:25 GMT
From: news.service.uci.edu!ucivax!news.claremont.edu!elroy.jpl.nasa.gov!
sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!srngenprp!alanb@network.UCSD.EDU
Subject: Looking for simple synthesizer design
To: info-hams@ucsd.edu

John Darrell Kesling (jkesling@cup.portal.com) wrote:

: I recently acquired three VHF Marine trancivers for free. ...

: So, does anyone out there have or know where I can find a simple synthesizer
: design suitable for such a project?

: My thought is use the synthesizer to generate the crystal frequency needed
: and feed it through the existing multiplier chain. Diode or jumper frequency

: selection would be fine.

Years ago, when synthesized radios first started coming out, there was a kit made by GLB Electronics that did exactly what you want. There were several options to accomodate the various crystal frequencies (6 MHz, 8 MHz, etc) required. The technology used would seem just a tad out of date today (standard TTL 7400 IC's), but if you could find a used one, it would be a lot less work than building a synthesizer from scratch. It uses a separate set of thumbwheels for transmit and receive, or you can transceive simplex from either set (what you want for packet). I use one on my old Johnson Fleetcom and it works fine. Put a notice on rec.radio.swap asking for a "GLB Synthesizer".

AL N1AL

Date: 14 May 93 12:26:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: Midland 70-325
To: info-hams@ucsd.edu

Hi All,

I am looking for some for a schematic or any other info for a Midland 70-325 transceiver. If anyone can help out please drop me a note at any one of the following:

internet clay@drone.hazeltine.com
compuserve 71754,447
phone 516-696-4268

Thx and 73
Clay
KB2FUR

Clayton DeCosterd INTERNET : clay @ drone.hazeltine.com
 COMPUSEVE: 71754,447

Date: Thu, 13 May 1993 16:17:30 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!torn!
waterv2.uwaterloo.ca!watmath!watcgl!awpaeth@network.UCSD.EDU
Subject: Motorola "Keynote" Pagers - need advice
To: info-hams@ucsd.edu

I have a number of Motorola "Keynote" voice pagers (these look like

little black microphones, sans coil cord) that I want to rekey for use in the 2m band. They are presently at around 151MHz, but that is no problem. The problem (and virtue) is that the squelch opens on these when they are sent a key which matches the contents of an internal EEPROM -- there are no "permacode" modules to resocket as with older Motorola pagers.

If anyone has field experience reprogramming such pagers or any other advise I'd like to hear from you. Near as I can tell, there are a few plated traces on the tongue of a PC board hidden behind the safety lock for the 1.5v battery compartment. A connector narrow enough to fit through this slot could then reprogram the EEPROM in bit serial fashion. I'm hoping (1) for an "open on carrier detect" code and (2) for a simple means to toggle in this code low rates. Failing that, even just rekeying it to a known key would be worthwhile.

Many thanks.

/Alan Paeth
VE3AWP/KD3XG

Date: 13 May 93 23:22:06 GMT
From: ogicse!uwm.edu!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!fstop.csc.ti.com!
marshal@network.UCSD.EDU
Subject: question about Radio Shack 2-MTR HT
To: info-hams@ucsd.edu

(SAME) Subject: URe: question about Radio Shack 2-MTR HTV
Date: 13 May 93 13:35:31
Organization: General Motors Research Labs
Lines: 15
NNTP-Posting-Host: rinhp750.gmr.com
In-reply-to: ginsburg@wellfleet.COM's message of 12 May 93 15:59:26 GMT

In article <9305121559.AA00688@ginzo.wellfleet> ginsburg@wellfleet.COM (Scott Ginsburg) writes:

I recently purchased a Radio Shack HTX-202 HT... <RFI stuff deleted>

I believe they will be on sale for ~\$200.00 soon. It will be a short duration sale (a few days). If you bought the radio within the last couple of weeks then I believe you ought to see your RS store manager and ask for a price adjustment.

It's a fine radio at its regular price and a great bargain at \$200.00.

--

Val Breault - N80EF - vbreault@gmr.com \ / |
Instrumentation dept GM NAO R&D Center \ / |

My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___
SEnd of article 38737 (of 38745)--what next? [^Nnpq]T
Searching...

Date: 13 May 93 08:42:05 EDT
From: swrinde!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!darwin.sura.net!
sgiblab!wetware!spunky.RedBrick.COM!psinntp!psinntp!arrl.org@network.UCSD.EDU
Subject: vibroplex parts....
To: info-hams@ucsd.edu

Date: 13 May 93 17:28:21 GMT
From: ogicse!uwm.edu!wupost!emory!kd4nc!ke4zv!gary@network.UCSD.EDU
Subject: What is WARC?
To: info-hams@ucsd.edu

In article <1993May13.090630.29682@hemlock.cray.com> dadams@cray.com writes:
>What does WARC stand for? What are the WARC bands?

World Administrative Radio Conference. It's the name given to those
big orgies the League sends "observers" to. :-)

Seriously they are the diplomatic meetings where new radio treaties
are hammered out. The ITU (International Telecommunications Union)
schedules WARC's when issues arise that need global attention. There
are two kinds of WARC's, special and general. General WARC's are rare
free for alls where everything is up for grabs. Usually there's some
topic, like space allocations, or shortwave broadcast allocations, that
need settling. The ITU will call a special WARC and they'll hammer out
an agreement. That's why you'll hear references to "competent" WARC's
when amateur radio matters are discussed. Only a general WARC or a
special WARC called with a charter to address amateur issues is "competent".

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: (null)

From: (null)

Prepared as a membership service by the ARRL Technical Information Service.

Sources and Manufacturers of Code Practice Oscillators:

AMECO Publishing Corp
275 Hillside Ave.
Williston Park, NY 11596

FAR Circuits
18N640 Field Court
Dundee, IL 60118

NOTE: No phone number. FAR provides boards for ARRL oscillator/key project. The cost is \$7 per board, plus \$1.50 shipping for up to 6 boards.

Townsend Electronics, Inc (C.M. Howes Kits from England)
P.O. Box 415
Pierceton, IN 46562
Tel: (219) 839-5203 FAX: (219) 594-5580

MFJ Enterprises, Inc
Box 494
Mississippi State, MS 39762

Van Gorden Engineering
P.O. Box 21305
South Euclid, Ohio 44121

NOTE: Complete kits for ARRL oscillator/key project. The cost is \$18.95 postpaid. The board can also be purchased along with the brass contact rod for \$8.95 postpaid.

William M. Nye Company, Inc
1614-130th Avenue NE
Bellevue, WA 98005

=====

Sources and Manufacturers of Keys and Keyers:

Vibroplex
98 Elm Street
Portland, ME 04101
Tel: 1-800-262-8387 (1-800-AMATEUR)
NOTE: Bugs and Keyers

Bencher, Inc
333 W Lake Street
Chicago, IL 60606

G4ZPY Paddlr Keys International
41 Mill Dam Lane
Burscough
Ormskirk L40 7TG England
Tel: 44 704 894299
NOTE - For details on G4ZPY Paddles send an SASE to:
Dave Ingram, 4941 Scenic View Drive, Birmingham, AL 35210

MFJ Enterprises, Inc
Box 494
Mississippi State, MS 39762

K8XF Import Keys
9929 Fox Squirrel
Newport Richey, FL 34654-3517
NOTE: Imported Hi-Mounds Iambic Paddles.

Palamar Engineers
Box 462222
Escondido, CA 92046
Tel: (619) 747-3343
NOTE: British Jones Key importer

William M. Nye Company, Inc
1614-130th Avenue NE
Bellevue, WA 98005
NOTE: Hand Keys

=====
Books and Periodicals:

The Vibroplex Co. Inc.
Book by Bill Holly, K1BH; available fom The Vibroplex Company.

Prepared by Mike Gruber, WA1SVF, ARRL Laboratory Engineer.

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice

ehare@arrl.org

"The goal of every engineer is to
retire without getting blamed for a

ARRL Laboratory Supervisor major catastrophe." -- Scott Adams
RFI, xmtr and rcvr testing and Dilbert

Date: 13 May 1993 15:51:44 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
darwin.sura.net!mojo.eng.umd.edu!chuck@network.UCSD.EDU
To: info-hams@ucsd.edu

References <randall.737162775@moose>, <C6xAy6.1ux@ucdavis.edu>,
<f0zC03YNd1Wm00@amdahl.uts.amdahl.com>.net
Subject : Re: CFV to reorganize this group

In article <f0zC03YNd1Wm00@amdahl.uts.amdahl.com> ikluft@uts.amdahl.com (Ian Kluft) writes:
>Please reserve your "no" votes only for groups that you think have some sort
>of serious problems. After all, someone else had to argue very hard to gain
>the support of others to get it on the proposal. And, who knows, that person
>may be supporting the newsgroups you want.

Bad idea! Abstaining on a vote is the same as a "yes" vote. Since SOMEONE wanted the group, or it wouldn't be on the ballot. Abstaining is how we get these groups that pass with 6 "yes" votes, and 0 "no" votes (and 40,000 abstentions)

Vote NO for any group that you don't want to vote YES for! We have too many unused newsgroups already.

Chuck Harris - WA3UQV
chuck@eng.umd.edu

End of Info-Hams Digest V93 #581
